

Scissor Lift

SLX Series

Submittal and
Planning sheet

by

DRAPER

U.S. Patent D395,909

Planning sheet submission required with your order or request for quotation. Please mark appropriate response to each numbered item (front and back)

Specifications—Scissor Lift SLX

video projector lifts for projectors weighing up to 350 lbs (158.8kg). White or black powder coat finish. Projector bolts onto operating pan, or mounts to pan with mounting bracket (by others). Electrically operated 110-120V AC, 60 Hz. UL recognized gearmotor, with metal chain drive system, to be lifetime lubricated.

Projector to be suspended from steel pan supported by steel scissor arms and operated by two, $\frac{3}{16}$ " (4.7625 mm) aircraft cables with 4200 foot/pounds tensile strength per cable.

Equipped with 3 sets of stabilizing scissors, positioned on the left, right, and rear sides. Also equipped with fail-safe inertial safety belt system and Cable Management System with projector power cord. Factory set limit switches to automatically stop travel at store, show, and service positions. Single Station Low Voltage Control, standard, consists of one 3-button wall switch to lower lift from "stored" to "show" position, and one momentary key switch to lower lift to "service" position.

Scissor Lift SLX is approved to **UL 2442** and **CSA C22.2 No. 60065-03**.

Optional Current Sensor available.

Optional Environmental Air Space Housing: Consists of suitable painted steel panels for use in return air plenum situations. Includes trim ring for ceiling opening. Two sizes available.

Optional ceiling closure panel: Finished in white baked textured powder coat, shall descend smoothly with projector. Two sizes available.

Ceiling Finish Kit: Finished white. Trims ceiling opening when required. Consists of trim ring and closure panel. Two sizes available.

Factory-installed control cables available.

Please Note: The Scissor Lift SLX should be specified in conjunction with a Draper motorized screen.

Optional Ceiling Access Door: Provides access to projector and lift when unit is installed above hard ceiling. Two styles: White painted finish or accepts ceiling tile.

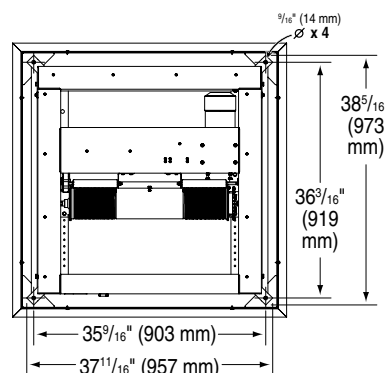
Downloadable 3-part specifications are available at www.draperinc.com. U.S. Patent Number D395,909.

- ① **Select one model based on the maximum exact distance you need the projector to descend from "store" position to "service" position.**

Draper does not recommend setting show position at the maintenance/ service position. For example, if you wish to have 8' (2.4 m) Show position, order a lift with at least a 10' (3 m) maintenance position.

Scissor Lift—SLX Series

Quantity	Model	Table A	
		Closed Height	Extended Height
<input type="checkbox"/> 10 ft.—Model SLX10	SLX10	14 $\frac{1}{16}$ " (36 cm)	10'7" (232 cm)
<input type="checkbox"/> 14 ft.—Model SLX14	SLX14	16 $\frac{5}{16}$ " (42 cm)	14'2" (432 cm)
<input type="checkbox"/> 17 ft.—Model SLX17	SLX17	18 $\frac{9}{16}$ " (47 cm)	17'8" (538 cm)
<input type="checkbox"/> 21 ft.—Model SLX21	SLX21	20 $\frac{13}{16}$ " (53 cm)	21'3" (648 cm)
<input type="checkbox"/> 24 ft.—Model SLX24	SLX24	23 $\frac{1}{16}$ " (60 cm)	24'9" (754 cm)
<input type="checkbox"/> 28 ft.—Model SLX28	SLX28	25 $\frac{5}{16}$ " (65 cm)	28'5" (866 cm)



Top View

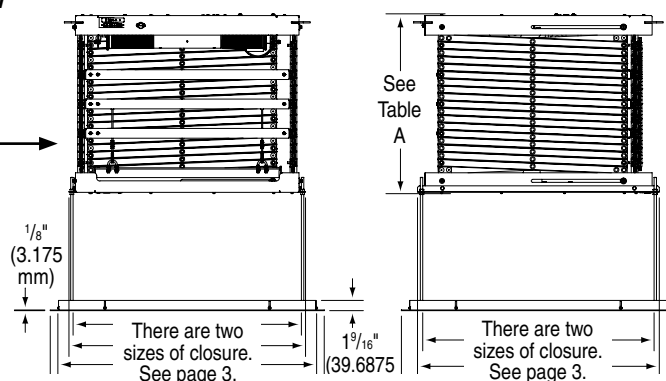
For drawings/dims with Environmental Air Space Housing, see page 3.

- ② **Standard, factory set "show" position is 36" (914 mm) below "store" position. "Show" position can be adjusted after installation. For "show" position of more or less than 36" (914 mm), list show position: _____**

- ③ **Select Powder Coat Finish:**

- ☐ White (Standard) ☐ Black
☐ Trim Ring Only (Standard)
☐ Entire Environmental Air Space Housing

16" (406 mm) threaded rod included. Can be cut down to match projector and mount dims.



DRAPER SALESPERSON: _____

CUSTOMER CONTACT: _____

SIGNATURE: _____

DRAPER

411 S. Pearl St., Spiceland, IN 47385 USA ■ 765-987-7999
www.draperinc.com ■ fax 765-987-7142

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(Continued on Page 2)

DEALER NAME: _____

PROJECT NAME: _____

P.O. #: _____

DATE: _____

④ Select Optional Accessories

- ☐ Optional Ceiling Access Door (2' x 2' [60 x 60 cm]) to allow access above finished ceiling (highly recommended)
 - ☐ White Painted Finish ☐ Accepts Ceiling Tile
- ☐ Optional Environmental Air Space Housing: optional ceiling closure panel not included (see dims on page 3).
 - ☐ SLX ☐ SLXR
- ☐ Optional ceiling closure panel (see dims on page 3).
 - ☐ SLX ☐ SLXR
- ☐ Optional ceiling finish kit: consists of ceiling closure panel and mating trim kit to finish ceiling opening (see dims on page 3).
 - ☐ SLX ☐ SLXR
- ☐ Optional Universal Projector Mount (max. load 26 lbs.).
- ☐ Optional Current Sensor. **(Please Note: Optional Current Sensor may reduce projector space available. Contact Draper).**

⑤ Select factory installed hookup for RGB, Video and Projector Control?

(Note: cables are not plenum rated and are shielded as standard)

- ☐ Yes ☐ No

What type of connectors do you need on **Inputs (to Projector)?**

- ☐ BNC How Many? _____
- ☐ 15 Pin HD How Many? _____
- ☐ RCA How Many? _____
- ☐ S-Video How Many? _____
- ☐ RS232 (DB9) How Many? _____
- ☐ Cat 5 How Many? _____
- ☐ Cat 6 How Many? _____
- ☐ HDMI How Many? _____

What type of connectors do you need on **Outputs (up at top of Lift)?**

- ☐ BNC How Many? _____
- ☐ 15 Pin HD How Many? _____
- ☐ RCA How Many? _____
- ☐ S-Video How Many? _____
- ☐ RS232 (DB9) How Many? _____
- ☐ Cat 5 How Many? _____
- ☐ Cat 6 How Many? _____
- ☐ HDMI How Many? _____

* Please note: There is a limit of seven (7) video, RGB and control cables per Scissor Lift.

⑥ Select Voltage:

- ☐ 110-120V
- ☐ 220-230V

⑦ Select Low Voltage Controls: This unit comes with one 3-Button Wall Switch and one Momentary Key Control.

For other switching options, please select from below:

- ☐ Replace 3-Button Wall Switch with optional second Momentary Key Control (SP-KSM)
- ☐ Optional Key Operated Power Supply Key Switch (On-off)
- ☐ Optional Wireless Remote Control (radio frequency transmitter & receiver) (Controls the "Show" position only)
- ☐ Optional Wireless Remote Control (infrared transmitter & receiver) (Controls the "Show" position only)
- ☐ Optional R2D7 RS232 interface for Serial Communication (Controls the "Show" position only)

⑧ Will this unit be controlled by other equipment?

- ☐ No.
- ☐ Yes. What kind of equipment? _____

SLX Scissor Lift—Dimensions & Data

	SLX10	SLX14	SLX17	SLX21	SLX24	SLX28
Height of lift in closed position ¹	14 ¹ / ₁₆ " (36 cm)	16 ⁵ / ₁₆ " (41 cm)	18 ⁹ / ₁₆ " (47 cm)	20 ¹³ / ₁₆ " (53 cm)	23 ¹ / ₁₆ " (59 cm)	25 ⁵ / ₁₆ " (64 cm)
Max. down travel (to service position)	10'7" (323 cm)	14'2" (432 cm)	17'8" (538 cm)	21'3" (648 cm)	24'9" (754 cm)	28'5" (866 cm)
Net weight—lbs.	216	230	260	275	289	303
Net weight—kg	98	104	118	125	131	137
Approx. travel time ² (to service position)	1 min. 43 sec.	2 min. 24 sec.	2 min. 55 sec.	3 min. 36 sec.	4 min. 7 sec.	4 min. 48 sec.

¹ Height of Scissor Lift in closed position only. Overall height of projector, plus optional mount, plus optional ceiling closure, plus optional Environmental Air Space Housing adds to overall height of equipment installed above ceiling.

² Up direction with full load of 350 lbs. "Down" travel time or lighter loads will have shorter travel times.

Maximum Projector Sizes

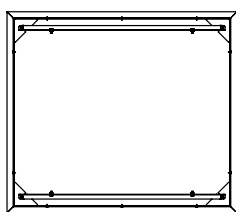
SL Product	Dimensions (U.S.)	Dimensions (mm)	Maximum Projector Size (U.S.)	Maximum Projector Size (mm)
SLX	39 ¹ / ₂ " x 39 ¹ / ₂ "	1003 x 1003	35" x 35"	889 x 889
SLX w/large closure	40 ⁹ / ₁₆ " x 46 ⁹ / ₁₆ "	1030 x 1183	35" x 41"	889 x 1041

DRAPER SALESPERSON: _____

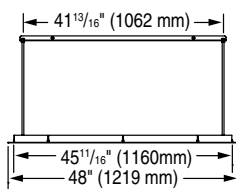
CUSTOMER CONTACT: _____

SIGNATURE: _____

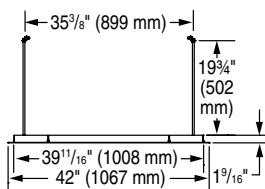
Optional Ceiling Closure



Top View



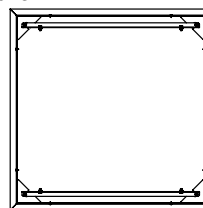
Front/Back View



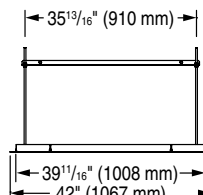
Side View

SLXR

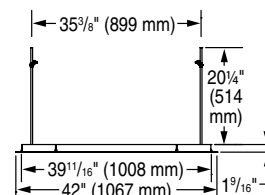
Net Weight:
39 lbs (18 kg)



Top View



Front/Back View

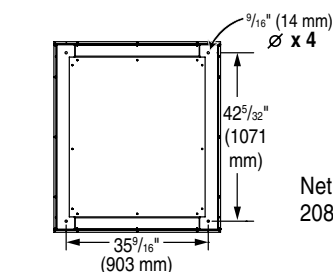


Side View

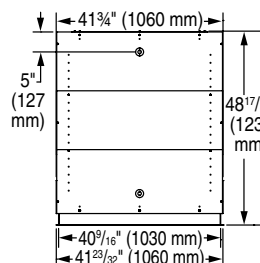
SLX

Net Weight:
34 lbs (15 kg)

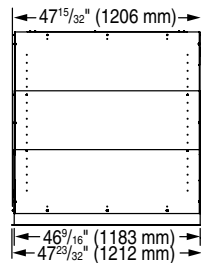
Optional Environmental Air Space Housing



Top View



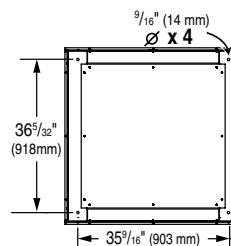
Front/Back View



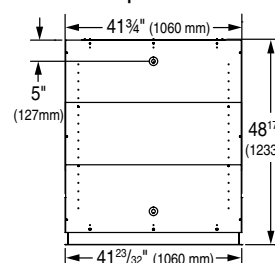
Side View

SLXR

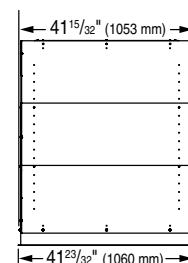
Net Weight:
208 lbs (94 kg)



Top View



Front/Back View

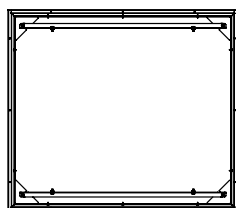


Side View

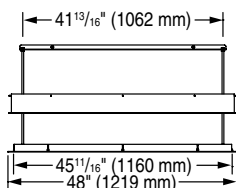
SLX

Net Weight:
192 lbs (87 kg)

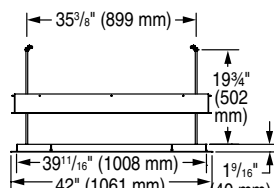
Optional Ceiling Trim Kit Dims



Top View

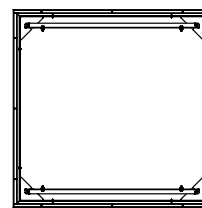


Front/Back View

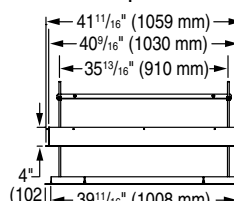


Side View

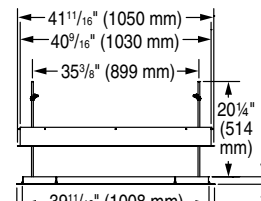
SLXR



Top View



Front/Back View



Side View

SLX

DRAPER SALESPERSON: _____

CUSTOMER CONTACT: _____

SIGNATURE: _____

2 Cond. Cable

Down Limit Switch

BN RD

Delay Switch (on position)

Run Cap 60 MFD

Motor

Down

Up

YL/GN

Up Limit Switch

RD BK

NC OR

115V ac, 7A 60 Hz Outlet

WH

WH BK GN

115V ac, Supply

Optional Delay Assembly

CURRENT SENSOR

AC BK

AC WH

COM RD

N.O. OR

N.C.

Attached to lower pan

Dashed wiring by electrician

Encoder

BACK OF DATA CABLE SPLITTER BOARD

RD BK WH RD WH

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